

Date: Tue, 3 May 94 04:30:14 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V94 #136  
To: Ham-Digital

Ham-Digital Digest                      Tue, 3 May 94                      Volume 94 : Issue 136

Today's Topics:

    \* HELP - COMMUNICATE TWO COMPUTERS \*

        Dayton digital report PLEASE!

        Integrate HF w/WAN (2 msgs)

        Need help with 450SAT/PK232

        NET\_Mac2.3.40.sea.hqx.text

Periodic Announcement - ARRL Email Information Server (info@arrl.org)

        TheNet X-1J Release 2 is out!

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>

Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 2 May 94 15:26:47 GMT  
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!math.ohio-state.edu!jussieu.fr!  
bahram@ucbvax.berkeley.edu  
Subject: \* HELP - COMMUNICATE TWO COMPUTERS \*  
To: ham-digital@ucsd.edu

    Hello.

I'm new to this group.

I've some questions. Perhaps you will consider them stupid, but i don't think.

    You can respond to me, if you have the answers. I thank you very much.

I'm originaire from a country 'X', I live in the country 'Y' .  
I've two computers (DX.2 488-66) in home country 'X' and also 'Y'.  
Those two computers runs under UNIX and Dos/Windows.  
To communicate the two computers (between country 'X' and 'Y'),  
for example sending fax to  
my family, mail, doing rlogin..., the cost of telephone between countries  
is very high and i can't support it.

My idea is to buy two talk-radio, and connect every radio to  
my two computers.

First-Question ) Can I do this. If yes, can you give me the kind of  
radio that i should buy. The preference a digital radio.  
What's the limitation ?

Second-Question ) Should I buy an interface card to connect the talk-radio  
to my computer. What is his name ( a modem card ?).

Probably, some programmes and software will be needed to communicate  
my computers.

Third-Question ) What I need as software. (TCP/IP ?, mail ? ...).

Forth-Question ) More information needed.

Thank you very much.

=====  
To reply, please send mail to : bahram@ccr.jussieu.fr

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Date: Mon, 2 May 1994 15:02:55 GMT  
From: ihnp4.ucsd.edu!agate!msuinfo!uchinews!kimbark!khopper@network.ucsd.edu  
Subject: Dayton digital report PLEASE!  
To: ham-digital@ucsd.edu

Would some kind person who was able to attend the Dayton Hamvention please SUMMARIZE for the rest of us.

What was shown ? what was announced at the RTTY dinner ? is PacTOR-II alive and well ? what is the story on the licensing of G-TOR ? did Kantronics open it up ? What is the story on DSP HF modems ? What new goodies did you see ? etc ...

TNX, de Ken N9VV

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Date: Mon, 02 May 94 07:58:14 EDT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!news.byu.edu!news.mtholyoke.edu!nic.umass.edu!noc.near.net!mv!lmr!rapp@network.ucsd.edu  
Subject: Integrate HF w/WAN  
To: ham-digital@ucsd.edu

mtimprn@baileys-emh2.army.mil (Kevin der Kinderen) writes:

> Hi:  
>  
> I can imagine this would be excruciatingly slow but - does anyone  
> have any amateur or business experience with using HF for WAN  
> connectivity? I'd like to put an HF transceiver at our hub location  
> and provide mobile users the opportunity to at least upload and download  
> files if not interactively log into their home accounts. Any comments  
> would be appreciated.

Yes, it would be excruciatingly slow, even assuming that you could get a license to do it. Why not do it via cellular telephony? It would be faster, also provide a substantial second benefit, and would avoid the licensing and equipment hassles.

Larry W1HJF

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L. M. Rappaport & Associates, Inc.    rapp@lmr.mv.com    voice +1 603 237 8400  
Colebrook, NH 03576-0158            CIS 72427,2567    fax    +1 603 237 8430  
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Date: Mon, 2 May 1994 19:38:42 GMT  
From: ihnp4.ucsd.edu!mvb.saic.com!news.cerf.net!usc!howland.reston.ans.net!torn!nott!cunews!freenet.carleton.ca!FreeNet.Carleton.CA!ae517@network.ucsd.edu  
Subject: Integrate HF w/WAN  
To: ham-digital@ucsd.edu

In a previous article, mtimpn@baileys-emh2.army.mil (Kevin der Kinderen) says:

>Hi:

>

>I can imagine this would be excruciatingly slow but - does anyone  
>have any amateur or business experience with using HF for WAN  
>connectivity? I'd like to put an HF transceiver at our hub location  
>and provide mobile users the opportunity to at least upload and download  
>files if not interactively log into their home accounts. Any comments  
>would be appreciated.

>

>73,  
>KJ4QF

>

I assume that either mil-std parallel or serial tone modems are available  
to your organization. Don't a few US government agencies use either an  
X.25 variant or even TCP/IP over HF using these types of modem?  
Add ALE to increase the link reliability, and it might work fairly well!

just a thought.

de va3rr/aa8lu

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Date: 2 May 94 17:09:56 GMT

From: dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!nic-nac.CSU.net!clstcs!

armyrman@ucbvax.berkeley.edu

Subject: Need help with 450SAT/PK232

To: ham-digital@ucsd.edu

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Hi,

I'm working with a Kenwood 450SAT and a PK232 and trying to send  
stuff with it, CW, Baudot etc etc.. I've made the cable from the PK232  
to the 450 using the info from the 450 manual but I'm not sure of the  
pinouts. Any body hooked this combo up before?  
What pin/color wire arrangement did you use?

The pk232 is receiving data ok and displaying but when I transmit it  
will key the transmitter but I'm not sure if any data is being sent.  
ie I can't hear anything but a carrier on a seperate receiver.

Any help would be appreciated. Thanks!!

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Alex R. Myrman - KC6TMB - armyrman@vms4.sci.csupomona.edu  
College of Science Computational Systems - (909) 869-4226  
California State Polytechnic University, Pomona, CA. USA

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Date: 3 May 94 07:13:38 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: NET\_Mac2.3.40.sea.hqx.text  
To: ham-digital@ucsd.edu

The Netherlands, May 3, 1994.

Hello dear reader,

Today I distributed NET\_Mac2.3.40.sea.hqx...

For those who don't know NET/Mac... NET/Mac is the application that supports TCP/IP over packet-radio, which means, that hamradio operators can use NET/Mac for their wireless TCP/IP network...

In this version of NET/Mac I implemented the following:

- Added 'chat' command
- Enhance syntax-checking for 'IP-number'-style parameters
- Make sure the mailaddress looks like: ...%...%...%...%...@...
- Improved the generation of From addresses for hop-to-hop

This release also includes a new NET/Mac Syntax DA.

This version obsoletes all versions of info-mac/comm/net/radio-netmac in the Sumex-Aim archives.

The new NET/Mac has (hopefully) been uploaded to:

- 1) ucsd.edu, to the directory hamradio/packet/tcpip/incoming.  
If it's not there then look at hamradio/packet/tcpip/mac.

It may have also been uploaded to:

oak.oakland.edu, to the directory pub/hamradio/mac/digital

Kind regards,

Adam PA2AGA (e-mail: adam@gg.tno.nl )  
( or: pa2aga@gg.tno.nl for letters only, NO BIG files here)

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Date: Mon, 2 May 1994 08:38:55 -0600  
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!psgrain!nntp.cs.ubc.ca!  
alberta!ve6mgs!usenet@network.ucsd.edu  
Subject: Periodic Announcement - ARRL Email Information Server (info@arrl.org)  
To: ham-digital@ucsd.edu

Periodic Announcement - ARRL Email Information Server (info@arrl.org)

The services that the ARRL provides via the internet include the Email Information Server and the Technical Information Service. The Information Server is an automated mail server that gives you access to many of information files relating to various facets of Amateur Radio. You can retrieve any or all of these files by sending an email message to info@arrl.org here at ARRL HQ. Each file you request is then mailed to you automatically.

To use it, mail messages to:

info@arrl.org

Each line of the message body should contain a command as shown below. The subject of your message is not processed and may be omitted. You may place as many commands in a message as you want. The files you request will be sent to you in separate messages. Only ASCII text files are supported.

Valid INFO commands:

reply <address> (may be needed - see below for explanation)  
help  
index  
send FILENAME (example: send prospect.txt)  
quit

In the above message example, "help" retrieves a brief set of instructions for info, "index" retrieves a list of available files and "send prospect.txt" retrieves a text file containing information on becoming a radio amateur.

Note to users with FTP capability: All of these files are also available by anonymous ftp to oak.oakland.edu in the pub/hamradio/arrl/infoserver area. Retrieve the file index.txt in the /league sub-directory for a complete listing of available files.

If you want to retrieve several text files with one message, use a separate line for each "send filename" request.

Your From: field or Reply-to: field in your header should contain a valid Internet address, including full domain name. If your From: field does not contain a valid Internet address, the answer will not reach you. If this is the case, then use the reply command as shown above. When needed, this command should always be the first command in your message.

IMPORTANT: Please use the quit command in your message. This will prevent processing errors from message signatures.

PLEASE NOTE!: This is an automated system not capable of handling written requests. Any questions on the info-server or the content of any of its files should be directed to mtracy@arrl.org.

ALSO NOTE!: Do \*NOT\* reply to messages sent from info@arrl.org - the reply address is redirected to keep bounced messages from endlessly looping. Write a new message to info@arrl.org instead.

The Technical Information Service gives League members on the internet better access to the knowledgeable technical staff here at ARRL HQ. Questions relating to Amateur Radio and related technical topics are welcome. To use this service, send a normal e-mail message to tis@arrl.org with your question spelled out in plain english. For best service, be as specific as possible and keep your line length in messages to a maximum of 80 characters. Due to personnel limitations, priority will be given to questions from League members.

Best Regards,

Michael Tracy, KC1SX, ARRL Technical Information Services Coordinator  
(e-mail mtracy@arrl.org)

Sample of files available from INFO: (There are lots more!)

Note - If you are not yet an Amateur Radio operator retrieve the file prospect (send prospect) for information on how to easily get started in this fun hobby.

FILENAME	SIZE	DATE	DESCRIPTION
PROSPECT.TXT	2k	930514	How to get your Amateur Radio license
EXAMS.TXT	52k	930629	Current exam schedule info - updated bi-weekly
EXAMINFO.TXT	9k	921020	Examinations - what to bring - requirements
USERS.TXT	6k	930119	List of HQ Email addresses
ARRLCAT.TXT	39k	930709	Catalog of ARRL Publications - commercial content

JOIN.TXT	2k 930621	How become an ARRL member
SERVICES.TXT	5k 930621	A condensed list of ARRL membership services
TOUR.TXT	28k 930621	An electronic tour of ARRL Headquarters
DIR.HQ	5k 930310	Visiting ARRL HQ - directions and tour information
HFBANDS	7k 921203	Breakdown of users of HF spectrum
Q-SIGS	1k 921203	ARRL list of Amateur Radio Q-signals
W1AW.SKD	2k 930120	W1AW schedule of transmissions and operation
PROREV1.TXT	12k 930227	Which rig is best? Part 1 - QST Lab Notes
PROREV2.TXT	22k 930227	Which rig is best? Part 2 - QST Lab Notes
!LIST.TXT	6k 931120	QST Bibliographies List
RFIGN.TXT	37k 930120	How to solve an EMI/RFI problem - QST Lab Notes
RFISOURC.TXT	13k 930607	Where to buy filters - EMI-proof telephones etc.
ADDRESS.TXT	16k 930318	Lots and lots of ham/electronic company addresses
KITS.TXT	6k 930430	List of companies that sell kits
BBS.TXT	12k 930601	List of ham-radio land-line bulletin boards
FAQ1.TXT	25k 930707	Introduction to the FAQ and Amateur Radio
FAQ2.TXT	45k 930707	Amateur Radio Orgs, Services and Info Sources
FAQ3.TXT	32k 930707	Amateur Radio Advanced and Technical Questions

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American Radio Relay League, Inc.	Tel: 1-203-666-1541
225 Main Street	Fax: 1-203-665-7531
Newington, CT 06111	Email: mtracy@arrl.org

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Date: 02 May 1994 10:46:36 GMT  
 From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!noc.near.net!chaos.dac.neu.edu!  
 chaos.dac!wylz@network.ucsd.edu  
 Subject: TheNet X-1J Release 2 is out!  
 To: ham-digital@ucsd.edu

In article <Bs9ukij.largri@delphi.com> Larry Griffin <largri@delphi.com> writes:

Path: chaos.dac.neu.edu!noc.near.net!news.delphi.com!usenet  
 From: Larry Griffin <largri@delphi.com>  
 Newsgroups: rec.radio.amateur.digital.misc  
 Date: Sun, 1 May 94 23:25:55 -0500  
 Organization: Delphi (info@delphi.com email, 800-695-4005 voice)  
 Lines: 8  
 References: <2pji8h\$po@sndsul.sinet.slb.com>  
 NNTP-Posting-Host: bos1d.delphi.com  
 X-To: <Neville@swfmc1.sinet.slb.com>

<Neville@swfmc1.sinet.slb.com> writes:

>I have just uploaded the latest release of TheNet X-1J Release 2



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>to :-  
>  
>oak.oakland.edu /pub/hamradio/incoming
```

I just tried to FTP it but the incoming directory seems to be empty!

If you can't find a file in a particular location, please feel free to search the 00-Index.txt file in /pub/hamradio. Just perform a search on the file, and the search will show you where in the directory structure the file lives.

I try to keep the Index file as up-to-date as possible.

Hope this helps.

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```
=====
| Scott Ehrlich           Amateur Radio: wy1z           AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB           AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|      Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
|      the World - ftp.std.com pub/hamradio                                  |
|                                                                              |
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End of Ham-Digital Digest V94 #136  
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